

Mean-field transport in stratified and/or rotating turbulence (Corrigendum)

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An error occurred during the production process. The top panel of Fig. 1 was truncated. The correct Fig. 1 is published on this page.

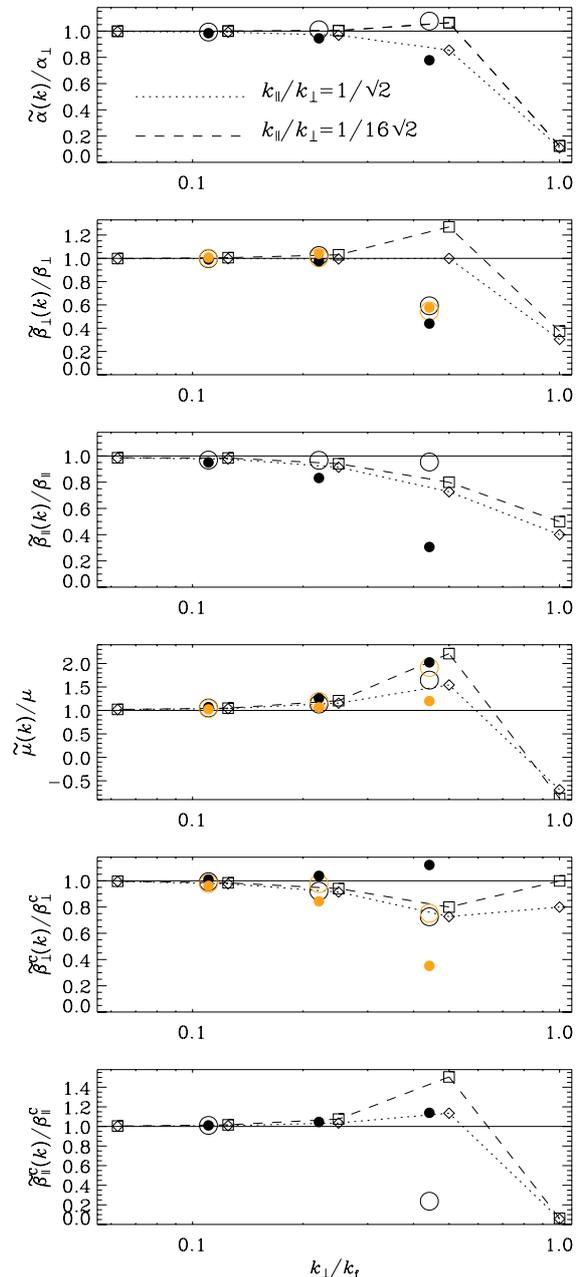


Fig. 1. The coefficients $\tilde{\alpha}_\perp$, $\tilde{\beta}_\perp$, $\tilde{\beta}_\parallel$, and $\tilde{\mu}$, as well as $\tilde{\beta}_\perp^C$ and $\tilde{\beta}_\parallel^C$ for the Roberts flow, calculated in the second-order correlation approximation, as functions of k_\perp/k_r , where $k_r = \sqrt{2}k_0$ is the effective wavenumber of the flow. Results obtained with $k_x = k_y$ and $k_\parallel/k_\perp = 1/\sqrt{2} \approx 0.7$ or $k_\parallel/k_\perp = 1/16\sqrt{2} \approx 0.004$ are represented by open squares and dotted lines or by open diamonds and dashed lines, respectively. Results with $k_x/k_y = 0.75$ [$\mathbf{k}_\perp = (3, 4, 0)k_1$] or $k_x/k_y = 5$ [$\mathbf{k}_\perp = (5, 1, 0)k_1$] and $k_\parallel/k_\perp = 0.2$ are indicated by open or filled circles, respectively. Orange and black symbols correspond to the first and second expressions for $\tilde{\beta}_\perp$ and $\tilde{\mu}$ in (21) or for $\tilde{\beta}_\perp^C$ in (26).